CONTENTS - VOLUME XIX, 1993

No. 1

Induction of morphological and enzymic differentiation in rat pheochromocytoma PC12h cells by stable erbstatin analogues
WATANABE Y., KAKEYA H., IKOMA E., UMEZAWA K. 1

Protective role of propionyl carnitine in vascular disorders experimentally induced by endothelin (ET-1), serotonin and K-carrageenin
BERTELLI A., GIOVANNINI L., GALMOZZI G., BERTELLI A.A.E. 7

The role of serotonin brain receptors in the analgesic effect of phenazone
PINI L.A., VITALE G., SANDRINI M. 13

Effect of oral activated charcoal on vancomycin clearance in rabbits with acute renal failure
EL-SAYED Y.M., NIAZY E.M., TAWFIK A.F., AL-DARDIRI M.M. 19

Pharmacokinetics of lamotrigine in patients with renal impairment: influence of haemodialysis
FILLASTRE J.P., TABURET A.M., FIALAIRE A., ETIENNE I., BIDAULT R., SINGALAS E. 25

Enantioselective effects of levodropropizine and dropropizine on psychomotor functions in normal volunteers: a placebo-controlled, double-blind comparative study
GATTI G., BARZAGHI N., DOMINIJANNI R., CORDARO C., PERUCCA E. 33

Treatment of gonococcal infections with a single 250 mg intramuscular injection of trospectomycin sulphate *vs* ceftriaxone sodium
MROCZKOWSKI T.F., MILLIKAN L.E., MARTIN D.H., LEONIK K.J. 41

Cefixime in the treatment of enteric fever in children
GIRGIS N.I., KILPATRICK M.E., FARID Z., SULTAN Y., PODGORE J.K. 47

No. 2

Cefdinir: *in vitro* activity study and effect of human serum
GARCÍA-RODRÍGUEZ J.A., TRUJILLANO-MARTÍN I., GARCÍA-SÁNCHEZ J.E. 51

Microbicidal effects of ozone solution on methicillin-resistant *Staphylococcus aureus*
YAMAYOSHI T., TATSUMI N. 59

Protective action of L-carnitine and coenzyme Q10 against hepatic triglyceride infiltration induced by hyperbaric oxygen and ethanol
BERTELLI A., CERRATI A., GIOVANNINI L., MIAN M., SPAGGIARI P., BERTELLI A.A.E. 65

Protective effect of *Swertia chirata* against indomethacin and other ulcerogenic agent-induced gastric ulcers
RAFATULLAH S., TARIQ M., MOSSA J.S., AL-YAHYA M.A., AL-SAID M.S., AGEEL A.M. 69

Thrombosis induced by endothelin (ET-1) and carrageenin in rats treated with indomethacin and propionyl carnitine
BERTELLI A., BERTELLI A.A.E., GALMOZZI G., GIOVANNINI L., MIAN M. 75

No. 3

Introduction
DIEPPE P. 79

Diclofenac/*N*-(2-hydroxyethyl)pyrrolidine: a new salt for an old drug
FINI A., FAZIO G., RAPAPORT I. 81

Local tolerability and pharmacokinetic profile of a new transdermal delivery system, diclofenac hydroxyethylpyrrolidine plaster
ASSANDRI A., CANALI S., GIACHETTI C. 89

Pharmacokinetics of diclofenac hydroxyethylpyrrolidine (DHEP) plasters in patients with monolateral knee joint effusion
GALLACCHI G., MARCOLONGO R. 95

A controlled clinical study on the new topical dosage form of DHEP plasters in patients suffering from localized inflammatory diseases
ROSENTHAL M., BAHOUS I. 99

A placebo-controlled study of the efficacy and tolerability of a nonsteroidal anti-inflammatory drug, DHEP plaster, in inflammatory peri- and extra-articular rheumatological diseases
GALEAZZI M., MARCOLONGO R. 107

DHEP plasters as a topical treatment of knee osteoarthritis – a double-blind placebo-controlled study
DREISER R.L., TISNE-CAMUS M. 117

A trial with diclofenac HEP plaster as topical treatment in minor sport injuries
JENOURE P., SEGESSER B., LÜHTI U., GREMION G. 125

Concluding remarks
GERSTER J.C. 133

No. 4

Pre-irradiation haematological effects of the bacterial extract Broncho-Vaxom® and postirradiation acceleration recovery from radiation-induced haematopoietic depression
MACKOVA N.O., FEDOROČKO P. 143

Antiviral activity of nerve growth factor *in vitro*
UNGHERI D., VERINI M.A., GANCEFF L., MAZUE G. CARMINATI P. 151

A new antioxidant drug limits brain damage induced by transient cerebral ischaemia
CALAPAI G., SQUADRITO F., RIZZO A., CRISAFULLI C., CAMPO G.M., MARCIANO M.C., MAZZAGLIA G., SCURI R. 159

Comparative study on the effects of chlorite oxygen reaction product TCDO (tetrachlorodecaoxygen) and sodium chlorite solution ($NaClO_2$) with equimolar chlorite content on bone marrow and peripheral blood of BDIX rats
KEMPF S.R., BLASZKIEWITZ K., REIM M., IVANKOVIC S. 165

Delaying effects of dietary eicosapentaenoic-docosahexaenoic acids on development of "fatty streaks" in hypercholesterolaemic rabbits. A morphological study by scanning electron microscopy
PIATTI G., BORELLA F., BERTI M.A., BRAGA P.C. 175

Effects of warfarin on thrombosis of the jugular veins of rabbits induced by prolonged stasis
FOSCHI D., SCAGNOLI., RADAELLI E., PACE M., TRABUCCHI E. 183

No. 5

A major role for cytochrome P450TB (CYP2C subfamily) in the actions of non-steroidal antiinflammatory drugs
LEEMANN T.D., TRANSON C., BONNABRY P., DAYER P. 189

Mechanisms involved in the antiinflammatory effect of propolis extract
KHAYYAL M.T., EL-GHAZALY M.A., EL-KHATIB A.S. 197

Immunopharmacological evaluation of bucillamine in rheumatoid arthritis
MATSUNO H., KITANO T., MATSUSHITA I., TSUJI H., OCHIAI H. 205

Inhibitory effects of propionyl-L-carnitine on plasma extravasation induced by irritants in rodents
AMICO-ROXAS M., CARUSO A., CUTULI V.M.C., DE BERNARDIS E., LEONARDI G. 213

Variation in levels of glycaemia and insulin after infusion of glucose solutions with or without added L-carnitine
ANGELINI A., IMPARATO L., LANDI C., PORFIDO F.A., CIARIMBOLI M., MARRO A. 219

Randomized comparative trial of imipenem/cilastatin versus aminoglycoside plus amoxycillin plus clindamycin in the treatment of severe intra- and post-operative infections
CAKMAKCI M., STERN A., SCHILLING J., CHRISTEN D., ROGGO A., GEROULANOS S. 223

Antibiotic prophylaxis in cardiovascular surgery: a prospective randomized comparative trial of one day cefazolin versus single dose cefuroxime
GALBRAITH U., SCHILLING J., VON SEGESSER L.K., CARREL T., TURINA M., GEROULANOS S. 229

No. 6

Inhibition of Abelson oncogene function by erbstatin analogues
KAWADA M., TAWARA J., TSUJI T., HONMA Y., HOZUMI M., WANG J.Y.J., UMEZAWA K. 235

Differentiation *in vivo* of classical non-steroidal antiinflammatory drugs from cytokine suppressive antiinflammatory drugs and other pharmacological classes using mouse tumour necrosis factor alpha production
GRISWOLD D.E., HILLEGASS L.M., BRETON J.J., ESSER K.M., ADAMS J.L. 243

Pharmacological characterization of FCE 27262, a combined thromboxane synthase inhibitor and PGH_2/TXA_2 receptor antagonist
VAGHI F., COLOMBO M., PIERUCCI L., VOLPI D., DHO L., UKMAR G., ROSA B., SALVATI P. 249

Antiischaemic effect of defibrotide treatment in rat kidney
CORSI M., PARISE M., GAJA G., FERRERO M.E. 261

Single dose intravenous pharmacokinetics of fluconazole in infants
KRZESKA I., YEATES R.A., PFAFF G. 267

Clinical trial of the efficacy and safety of moguisteine in patients with cough associated with chronic respiratory diseases
AVERSA C., CAZZOLA M., CLINI V., DAL NEGRO R., MAIORANO V., TANA F., ALLEGRA L. 273

Contents index (1993) 281

Author index (1993) 285